LynxNet 64i Input Device
SKU #950-LYNX-64I-3

Lynx Systems ®

The LynxNet64i Input Device is a network based input device that can be purchased up to 64 input channels. When an input is activated, an alarm is sent to the LynxGuide server, the LynxNet64i Input Device can be configured to activate any Lynx output or combination of outputs. The LynxNet64i Input Device can instantly send alerts from any of the dry contact inputs. Inputs are programmable "Normally Open" or "Normally Closed", using the web interface. Wire integrity to the end point of the inputs, can be supervised using supplied EOL resistors. The test feature makes it easy to test alarms and create monthly reports. The LynxNet64i Input Device is ideal for applications where existing duress buttons need to be updated or for any device with a relay output that needs to be monitored. Existing wiring can be used with the LynxNet64i Input Device to allow the alarms to be sent to the LynxGuide server, activating any single or combination of Lynx system outputs.

Features and Benefits

- Enables 64 contact closure, existing or new alarms to be connected directly to your LynxGuide Server via the network
- Can be placed in a test mode
- Supervised by the LynxGuide server

GENERAL SPECIFICATIONS:
Width: 12.50"
Height: 18.50"
Depth: 4.0"
Weight: 19.2 Lb.
Power: AC Power
PS Input Voltage: 100-240 VAC
PS Output Voltage: 5.0 VDC, 38W,7.6 Amps
Supervision Interval: 5 Minutes

NETWORK SPECIFICATIONS:
RS-232: For diagnostics and troubleshooting
USB: For diagnostics and troubleshooting
LINK LED: Indicates network speed
LAN: Indicates network speed

NETWORK SPECIFICATIONS (CON'T):
Status LED: Indicates activity to and from the LynxGuide server.
Test Button: Sends a test message to the LynxGuide server

Power LED:
SOLID RED: Not connected to the LynxGuide server.
FLASHING RED: Communication lost to LynxGuide server.
FLASHING GREEN: Connected to the LynxGuide server.

RJ-45 Network Connector: 100 Mb for initial network configuration and network connection

Communication Protocol: The LynxNet hardware and Lynx Client software achieves bidirectional communication through a client-initiated, persistent socket session to the LynxGuide server on ports 10117-10121. No network ingress connections are required. All server communications are TLS encrypted. In addition to providing security, this method is ideal if the hardware is behind a gateway, as no NAT rules are required to achieve connectivity.

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